



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 231

STOCK FEED
BRAN, SHORTS, CHOP FEED

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 231

STOCK FEED

BRAN, SHORTS, CHOP FEED

OTTAWA, February 2, 1912.

W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

SIR,—I have the honour to submit herewith a report upon two hundred and ninety-eight (298) samples of feeding stuffs or stock feeds, purchased throughout the Dominion in April, May and June of last year. This is the first systematic inspection of these articles, made under the Commercial Feeding Stuffs Act of 1909.

It is to be observed that the Act in question classifies feeding stuffs as follows:—

I.—Those which may be sold without registration.

These are of two subclasses:—

1. Such as, from their nature, may be appraised as well or better by the buyer, than by the officials of this department. This subclass includes hay, straw, roots, wet brewers' grains.
2. Such as are sold under names specifically defining the article, and capable of exact standardization under section 26 of the Adulteration Act.

II.—Those which may only be sold when duly registered.

The present inspection has regard only to such feeds as fall under subclass 2, of class 1, and comprises bran, shorts or middlings and chop feeds.

These feeding stuffs are defined by an Order in Council, dated May 1, 1911 (published as Circular G. 968), as follows:—

2:
1000.

G. 968.
AMENDING G. 962.
10,000.

DEPARTMENT OF INLAND REVENUE,
OTTAWA, May 3, 1911.

MEMORANDUM.

Under the authority of an Order of His Excellency in Council, bearing date the first day of May, instant, paragraphs 13, 14 and 15 of the Order in Council of the 29th October, 1910, establishing standards of quality for grain products, have been cancelled and the following substituted in lieu thereof:—

13. **BRAN** is a product of the milling of wheat or other grain, and contains not less than fourteen (14) per cent of proteids, not less than three (3) per cent of fat, not more than ten (10) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

14. **SHORTS OR MIDLINGS** is the coarser material sifted out from the products of a second treatment of the grain by crushing the coarsely ground material that is sifted out from the bran after the first grinding; and contains not less than fifteen (15) per cent of proteids, not less than four (4) per cent of fat, not more than eight (8) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

15. **CHOP-FEED** is whole grain of one or more kinds more or less finely ground, and contains not less than ten (10) per cent of proteids not less than two (2) per cent of fat, not more than ten (10) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

These amended standards will come into force on the seventh day of June proximo.

W. J. GERALD,
Deputy Minister.

Definitions of bran, shorts and chop feed were made legal by Order in Council of October 29, 1910, taking effect December 5, 1910. The above quoted Order in Council differs only from the earlier one in introducing the clause 'And must be free from vital seeds of any of the noxious weeds, defined by the Governor in Council under the Seed Control Act.'

While the Feeding Stuffs Act provides for the sale of bran, shorts and chop feeds without registration, it does not prevent the registration of these feeds by any manufacturer who chooses to take necessary steps to that end. Nothing sold without registration is legally recognized as bran, shorts or chop, which does not reach the minimum of value legally established for its species; but there is nothing to prevent a producer who knows his goods to be better or worse than the legal minimum, from registering such goods, and publishing with them a guarantee of stated values. In this case, however, the producer must hold himself responsible for the quality of such guaranteed feeds; and an article of bran (for example) which would be quite legal if offered simply as bran, may be judged as adulterated if it fail to meet a higher standard, set and guaranteed by the manufacturer.

The Feeding Stuffs Act of 1909 was based upon experience gained through repeated inspections of cattle feeds as found on our markets. The main facts of the case will be found recorded in Bulletins 113 (1906), 156 (1908), and 191 (1909). The standards fixed for the classes of feeds, now particularly under consideration, were consequent upon the study of 545 samples of bran, shorts and chop feed reported in Bulletin No. 191.

BRAN.

For this article the following minimum values are legalized:—

Fat—Not less than 3 per cent.

Proteids—Not less than 14 per cent.

Fibre—Not more than 10 per cent.

That these limits are reasonable is fully established by the result of the present inspection.

Seventy-seven (77) samples, out of a total of 78 samples purchased as bran, are found to be legally genuine as far as nutritive value goes, and their average values are as follows:—

	Per cent.
Fat.....	4.29
Proteids.....	15.17
Fibre.....	8.60

It will be noted that the Act (section 15) provides that 'A deficiency of one per cent of the protein or fat, or an excess of two per cent of fibre, shall not be considered as evidence of fraudulent intent, if the total value of the feeding stuff, in nutritive materials, is substantially equivalent to the guaranteed statement.'

One sample (No. 36946) is low in proteids as well as high in fibre, and must be regarded as adulterated under the Act.

Two samples of bran, 48418 and 40655 are contaminated with weed seeds.

SHORTS; MIDLINGS.

These terms are considered as equivalent for the purpose of defining legal minimum values. These values are fixed by Order in Council as follows:—

Fat.....	4 per cent minimum.
Proteids.....	15 " " "
Fibre.....	8 " " maximum.

Seventy-three (73) samples of the present collection are sold as shorts, and sixty-eight (68) samples as midlings.

There seems to be much ambiguity among millers and dealers as to the application of these terms. This fact was pointed out in Bulletin No. 191. Table III. (pp. 42 to 46 of Bull. 191) exhibits a great range of values for 258 samples purchased as shorts or midlings in 1909; but the extremes of value do not indicate differences in the application of the terms such as would warrant shorts being defined separately from midlings.

Considering the whole 258 samples in question, the record is as follows:—

	Maximum.	Minimum.	Mean.
Moisture.....	13.56	6.45	10.54
Fat.....	6.88	0.95	4.04
Proteids.....	18.93	10.00	15.25
Crude fibre.....	12.15	0.29	5.63
Ash.....	5.74	0.88	3.63
Carbohydrates.....	74.18	51.04	60.55

When the samples sold as shorts in 1900 (150 in number) are considered by themselves, the results are as follows:—

	Fat.	Proteids.	Fibre.
Means..	4.93	15.63	5.88
Maxima..	6.53	18.93	11.90
Minima..	1.60	10.00	1.06

One hundred and six (106) samples sold as middlings in 1900, give the following results:—

	Fat.	Proteids.	Fibre.
Means..	3.67	14.77	4.96
Maxima..	6.88	18.00	12.15
Minima..	0.95	11.19	0.22

A considerable number of samples, which appear to answer a description of low grade flour, were found in the above collection; but these were supplied indiscriminately as shorts or middlings, as indicated by the maxima for fibre and for fat, though most of them were sold as middlings.

In order to discover whether the present collection indicates any accepted distinction between the terms, I have collated the results for 72 out of 73 samples sold as shorts, and for 54 out of 68 samples sold as middlings, being in each case the number of samples respectively, which meet the requirements of legal definition.

Seventy-two (72) samples of shorts give results as follows:—

SHORTS			
	Fat.	Proteids.	Fibre.
Means..	4.65	16.20	6.3
Maxima..	6.48	18.46	8.0
Minima..	3.44	14.00	3.9

Fifty-four (54) samples of middlings give the following results:—

	Fat.	Proteids.	Fibre.
Means..	4.47	15.95	5.2
Maxima..	6.26	18.02	8.1
Minima..	3.02	14.13	1.4

The results appear to justify the conclusion that the article sold as shorts is not substantially different from the article sold as middlings; and this conclusion is corroborated by the expressed opinion of many millers, in answer to questions by our inspectors. At the same time it is to be noted that samples characterized by very low fibre, low fat and a high starch content (indicating flour), are usually sold as middlings, rather than as shorts.

Examples of this are found in the following:—

Number.	Fat.	Proteids.	Fibre.
46084	2.16	10.37	1.5
36956	1.55	12.73	0.7
43271	2.08	12.51	0.8
43281	2.32	13.26	1.3
47413	2.66	15.11	1.9
47414	3.16	15.56	1.8
38185	2.66	11.42	0.9
38189	3.02	12.03	0.5
47611	3.7	14.61	1.1
47618	—	13.04	0.8
47621	—	12.86	1.0

low in proteids and fibre.
 " fat and fibre.
 " "
 " "
 low in fat and fibre.
 " proteids and fibre.
 " fat and fibre.
 " "
 fat and fibre.
 " "
 "

Feeds of this kind should be sold as feed-flour; or by some name which distinguished them from legal shorts or middlings. While they possess considerable value for feeding purposes, they must be regarded as adulterated under the Act when offered as shorts or middlings. Their low fibre content is an advantage from the point of view of nutritive value, since this is replaced by starch in amount equivalent to the difference between the legal maximum for fibre (8 per cent) and the actual fibre present.

I am convinced that in none of the above listed samples is there any evidence of intended fraud. The irregularity is apparently due to ignorance of legal requirements for shorts (middlings), and a mistaken idea that a low grade flour is even better value, than middlings as usually understood. I feel justified in recommending that for this first inspection under the Feeding Stuffs Act, leniency be exercised towards the vendors, and their attention called to the requirements of the Act.

The results for shorts and middlings are thus summarized:—

	Sold as	
	Shorts.	Middlings.
Comply with legal requirements.....	72	54
Misnamed (feed flour).....	0	11
Passed, as close to limit value.....	1	2
Adulterated under the Act.....	0	1
	73	68
Total	141	

None of the samples of this class have been found to contain vital weed seeds.

CHOP FEEDS

Seventy-eight (78) samples of the present collection are sold under this name. The legal standard for chop-feed is as follows:—

Fat.....	2 per ce	(minimum).
Proteids.....	10 " "	"
Fibre.....	10 " "	(maximum).

Sixty-two (62) samples meet these requirements and are judged as genuine so far as nutritive value is concerned. Six other samples are so near to standard values that I have advised them to be passed, in view of the fact that this is the first inspection under the Act of 1909.

Six samples are so markedly below the standard values that they must be classed as adulterated under the Act.

These are the following:—

Number.	Deficiency in		Excess of Fibre.
	Fat.	Proteids.	
47517.....			
47615.....	0.41	5.49	17.0
48426.....		3.48	8.8
43559.....		2.95	11.6
43295.....	0.73	6.27	18.0
38979.....			8.6
	0.24	3.13	6.2

Four samples, which meet requirements as regards feeding value, are adulterated by containing vital weed seeds.

I have pleasure in acknowledging the courtesy of the Department of Agriculture in corroborating the presence of vital weed seeds in the following samples:—

Bran.	No. 40655—	160 seeds per lb.
	" 48418—	160 "
Chop feed.	" 40620—	320 "
	" 40677—	2,464 "
	" 38978—	32 "
	" 40669—	4 "
	" 40670—	64 "

In applying the clause, 'And must be free from vital seeds of any of the noxious weeds, &c.', I have interpreted this to mean not more than five seeds per pound. There is a practical limit to the possibility of removing weed seeds from grain. In interpreting the Seed Control Act, it is, I believe, the accepted rule to allow one seed per pound, where the grain is used for seeding purposes. It seems reasonable to permit a larger limit of error when the grain is used for feeding purposes.

No. 48043 is a sample of cotton seed meal, which was obtained through an error. The brand is legally registered and meets the requirements of its guarantee.

The following is a synopsis of the results of this inspection:—

	Bran.	Shorts (Middlings.)	Chop.
Genuine.	74	126	62
Incorrectly named.	0	11	0
Passed as close to limit values.	1	3	6
Adulterated as below values.	1	1	6
" as containing vital weed seeds.	2	0	4
	78	141	78

Cotton seed meal.	297 samples.
	1 "
Total.	298 "

I beg to recommend the publication of this report as Bulletin No. 231.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,
Chief Analyst.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NOVA SCOTIA—

1911.								
May 10	Stock Feeds.	46601	I. B. Shaffner & Co., Halifax, N.S.	5 lbs.	Nil.	Peterboro Cereal Co., Peterboro, Ont.	Manufacturers.	Brans
" 11	"	46602	B. O. Bishop, Dartmouth, N.S.	5 "	6	Ogilvie Milling Co., Montreal.	Wentzell's, Ltd., Halifax, N.S.	"
" 11	"	46603	Wentzell's, Ltd., Halifax, N.S.	5 "	5	"	Manufacturers.	"
" 12	"	46604	J. S. Cashen & Sons, Halifax, N.S.	5 "	10	Campbell Milling Co., Toronto.	"	"
" 19	"	46605	C. B. McMullen, Truro, N.S.	5 "	N	Wolverton Milling Co., Wolverton, Ont.	"	"
" 12	"	46606	J. S. Cashen & Son, Halifax, N.S.	5 "	10	Campbell Milling Co., Toronto.	"	Shorts
" 18	"	46607	F. A. Shaw, Halifax, N.S.	5 "	7	"	F. W. Fraser, Halifax, N.S.	"
" 18	"	46608	F. W. Fraser, Halifax, N.S.	5 "	7	"	Manufacturers.	"
" 18	"	46609	S. C. Thompson, Halifax, N.S.	5 "	7	"	W. Muir & Son, Halifax.	"
" 22	"	46610	A. & W. Smith & Co., Halifax, N.S.	5 "	Nil.	Quaker Oats Co., Peterboro, Ont.	Manufacturers.	" (Bell Car Brand.)
" 11	"	46611	I. B. Shaffner & Co., Halifax, N.S.	5 "	"	Canada Flour Mills Co., St. Catharines.	"	Middlings
" 11	"	46612	Nova Scotia Milling Co., Dartmouth, N.S.	5 "	"	Canada Cereal Co., Toronto.	"	"
" 11	"	46613	Wentzell's, Ltd., Dartmouth, N.S.	5 "	5	Jno. Campbell Co., St. Thomas, Ont.	"	"
" 19	"	46614	C. B. McMullen, Truro N.S.	5 "	Nil.	Wolverton Milling Co., Wolverton, Ont.	"	"
" 22	"	46615	H. W. Brown, Halifax, N.S.	5 "	8	Unknown.	J. A. Farquhar & Co., Halifax.	"
" 11	"	46616	Nova Scotia Milling Co., Dartmouth, N.S.	5 "	Nil.	G. Carter & Son, St. Mary's, Ont.	Manufacturers.	Chop Feed. (Barley, Oats and Corn.)
" 11	"	46617	A. Gunn & Co., Halifax, N.S.	5 "	"	Vendors	"	O. & B. Chops.
" 16	"	46618	S. L. Cross, Kentville, N.S.	5 "	"	Ogilvie Milling Co., Montreal.	Manufacturers.	Wheat moulee
" 16	"	46619	R. E. Harris & Son, Wolfville, N.S.	5 "	"	"	"	Moulee
" 17	"	46620	Shand Bros., Windsor, N.S.	5 "	"	Tilson's, Tillsonburg, Ont.	"	B. O. C. Crushed Grain.

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

R. J. WAUGH, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
.....	4.43	.....	15.01	9.6	Bran tissues, no weeds.	46601	Genuine.
.....	4.79	.....	15.49	9.2	"	46602	"
.....	4.59	.....	16.76	7.8	"	46603	"
.....	4.61	.....	16.10	8.0	"	46604	"
.....	4.33	.....	1.52	8.7	"	46605	"
.....	4.52	.....	17.59	7.4	As claimed, no weeds.	46606	"
.....	4.92	.....	16.80	7.3	"	46607	"
.....	5.08	.....	14.83	7.9	"	46608	"
.....	4.08	.....	16.06	7.2	As claimed, no weed seeds.	46609	"
.....	4.92	.....	17.76	7.4	"	46610	"
.....	4.08	.....	16.49	6.4	"	46611	"
.....	3.84	...	15.14	5.2	"	46612	"
.....	4.08	.....	15.40	6.0	"	46613	"
.....	4.80	.....	15.92	6.3	"	46614	"
.....	4.08	.....	14.96	5.1	"	46615	"
.....	2.78	...	12.25	6.5	"	46616	"
.....	4.10	.....	9.63	4.2	"	46617	"
.....	4.42	.....	15.22	5.0	"	46618	"
.....	4.10	.....	15.22	3.7	"	46619	"
.....	3.54	.....	10.89	4.7	Weed seeds.	46620	Adulterated with weed seeds, 320 seeds per lb.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	
1911.								
May 12	Stock Feeds	46066	P.E.I. Hay & 5 lbs. Produce Co., Ch'town, P.E.I.	Nil.	Ogilvie, Mont- real.		Brn	
15		46067	A. Horne & Co., 5 Ch'town, P.E.I.	"	"	Canadian Co- real & Mill- ing Co., To- ronto,	"	
23		46068	Frank Gates, 5 Ch'town Roy- alty west, P. E.I.	"	"	Gates Mills, Ch'town Roy- alty west, P. E.I.	"	
23		46069	John Andrews, 5 Ch'town Roy- alty west, P. E.I.	"	"	Andrews Mills, Ch'town Roy- alty east, P. E.I.	"	
26		46070	F. L. McNutt 5	10		A. Horne & Co., Charl- lottetown, P.E.I.		
12		46076	P.E.I. Hay & 5 Produce Co., Ch'town, P.E.I.	Nil.	Quaker Oats Co., Peter- boro, Ont.		Chop Feed	
12		46077	A. Horne & Co., 5 Ch'town, P.E.I.	"	"	The Campbell Milling Co., W. Toronto	"	
15		46078	A. Horne & Co., 5 Ch'town, P.E.I.	"	"	Atlantic Mill- ing Co., Pic- ton, N.S.	"	
15		46079	Auld Bros., Ch't 5 town, P.E.I.	"	"	Q uaker Oats Co., Peter- boro,	(Schmaucker).	
15		46080	Auld Bros., Ch't 5 town, P.E.I.	"	"	The Tillson Co., Tillsonburg.	Chop Feed.	
12		46081	P.E.I. Hay & 5 Produce Co., Ch'town, P.E.I.	"	"	T. H. Taylor Mfg. Co., Ch'tham, Ont	Middlings.	
15		46082	A. Horne & Co., 5 Ch'town, P.E.I.	"	"	The Campbell Milling Co., Toronto.		
23		46083	Frank Gates, 5 Ch'town Roy- alty west, P. E.I.	"	"	Gates Mills, Ch'town Roy- alty west, P. E.I.		
23		46084	John Andrews, 5 Ch'town Roy- alty east, P. E.I.	"	"	Andrews Mills, Ch'town Roy- alty east, P. E.I.		
26		46085	R. E. Mutch & 5 Co., Ch'town, P.E.I.	"	"	The Woodburn Milling Co., Glencoe, Ont.		

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					
...			4.44	.....	17.06	7.4	As claimed, no seeds	46066	Genuine.
			4.10	.....	12.96	8.4	"	46067	"
...			4.36	..	14.31	6.1	"	46068	"
			4.24		13.78	6.8	"	46069	"
			3.52		14.48	8.4	"	46070	"
			2.70		9.55	6.6	"	46076	"
..			3.76		11.46	8.0	Weed seeds.....	46077	Adulterated with weed seeds, 2,464 seeds per lb.
			2.22		9.65	1.8	As claimed, no seeds	46078	Genuine.
4.00	10.50	10.50	2.60		10.56	9.2	"	46079	"
			5.04		15.44	16.4	"	46080	Excess fibre, high in fat and proteids. Pass.
			4.06		15.09	7.6	As claimed, no weed seeds.	46081	Genuine.
			4.46		14.92	7.1	"	46082	"
....			3.30	13.60		2.4	"	46083	Below standard in proteids. Pass.
....			2.16	11.20		1.5	Flour, no weed seeds	46084	Low in fat and in proteids. Should be sold as feed flour
			4.13	14.70		5.1	As claimed, no weed seeds.	46085	Genuine.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report (Is not an expression of opinion.)
					Cents.	Manufacturer.	Furnisher.
DISTRICT OF NEW BRUNSWICK—							
1911.							
May 11	Stock Feeds.	45499	C. H. Peters, Sons, Ltd., St. John, N.B.	5 lbs.	10	The Quaker Oats Co., Peterboro, Ont.	Bran.
" 11	"	45500	L. C. Prime, St. John, N.B.	"	10	Cereal & Milling Co., Ltd.	"
" 16	"	45501	John McKnight, Fredericton, N.B.	5	10	Campbell Milling Co., Toronto, Ont.	" (Bull Rush Brand.)
" 25	"	45502	A. F. Randolph & Sons, Chatham, N.B.	5	15	Ogilvie Milling Co., Montreal	Bran, (Ogilvie's.)
" 25	"	45503	J. B. Snowball Co., Ltd., Chatham, N.B.	5	10	S. J. Cherry, Preston, Ont.	Bran Cherry's.
" 16	"	45504	G. T. Whelpley Estate, Fredericton, N.B.	5	15	Western Canada Flour Mills Co., Ltd., Winnipeg.	Shorts, (Registration No. 68.)
" 16	"	45505	F. H. Everett, Fredericton, N.B.	5	10	Maple Leaf Milling Co., Toronto.	Shorts.
" 23	"	45506	J. H. Steeves, Moncton, N.B.	5	15	Ogilvie Flour Mills, Montreal.	"
" 23	"	45507	Reed Co., Ltd., Moncton, N.B.	5	15	Western Flour Mills Co., Ltd.	Middlings, (Registered No. 54, Analysis on bags.)
" 25	"	45508	Jno. McLaggan, Chatham, N.B.	5	15	The Jno. Campbell Co., Ltd., St. Thomas, Ont.	Middlings, (Campbell's.)
" 2	"	45509	James Collins, St. John, N.B.	5	10	Lake of the Woods Milling Co., Montreal.	Middlings.
" 11	"	45510	C. H. Peters, Sons, St. John, N.B.	5	10	The Quaker Oats Co., Peterboro, Ont.	"
" 11	"	45511	J. Harrison & Co., St. John, N.B.	5	Nil.	Maple Leaf Flour Milling Co., Toronto.	"
" 19	"	45512	J. W. McPhail, Perth, N.B.	5	15	The Ogilvie Flour Mills Co., Ltd., Montreal.	" (Ogilvie's)
" 23	"	45513	Toombs & Son, Moncton, N.B.	5	15	Canadian Cereal & Milling Co., Ltd., Toronto.	Middlings, (Tillson's Choice.)
" 2	"	45514	L. C. Prime & Co., St. John, N.B.	5	10	The Quaker Oats Co., Peterboro, Ont.	Chop Feed, (Banner Brand.)

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

JNO. C. FERGUSON, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
				4.46	15.75	8.5	As claimed, no weed seeds.	45499	Genuine.
				4.34	14.00	9.6	"	45500	"
				4.40	14.48	8.6	"	45501	"
				4.26	16.58	7.9	"	45502	"
				4.20	15.40	8.1	"	45503	"
4.39	16.73	5.20	3.94		15.22	4.2	"	45504	"
			4.12		15.09	5.5	"	45505	"
			4.32		16.34	6.3	"	45506	"
6.04	15.36	7.51	5.74		17.02	5.6	"	45507	Genuine; meets requirements of claim.
			4.36		14.87	4.8	"	45508	Genuine.
			5.12		17.19	4.8	"	45509	"
			4.72		14.92	8.1	"	45510	"
			4.58		15.84	6.6	"	45511	"
			3.94		16.10	5.2	"	45512	"
			5.00		17.85	5.7	"	45513	"
3.50	8.50	9.00	3.26		9.35	6.6	"	45514	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer. Furnisher.	
DISTRICT OF NEW BRUNSWICK							
1911.							
May 16	Stock Feeds.	45515	Jno. Gibson & Son, Fredericton, N.B.	5 lbs.	Nil.	The Campbell Milling Co., Ltd., West Toronto.	Chop Feed, (<i>General Feeds, Steam Rolled</i>)
" 17	" "	45516	J. M. Fripp, Woodstock, N.B.	5 "	10	McDunnageag Roller Mills, Woodstock, N.B.	Chop Feed.
" 19	" "	45517	J. W. McPhail, Perth, N.B.	5 "	15	The Ogilvie Flour Mills Co., Ltd., Montreal.	Chop Feed, (Ogilvie's Puritan Feed), <i>Registered No. 101, Puritan.</i>
" 22	" "	45518	W. B. McKay & Co., Ltd., Sussex, N.B.	5 "	15	"	Chop Feed, (Ogilvie's Hercules. Pure corn, oats and barley feed. Regs.)
" 25	" "	45519	J. B. Snowball & Co., Ltd., Chatham, N.B.	5 "	10	S. J. Cherry, Preston, Ont.	Shorts

DISTRICT OF QUEBEC

May 9	Stock Feeds.	36946	Pierre Renaud, 597 rue St. Valier, Quebec	5 lbs.	15	Unknown....	Unknown.. Bran.
" 10	" "	36947	Napoléon Bertrand, 685 rue St. Valier, Quebec	5 "	10	Alexander Brown, Toronto.	Manufacturer.
" 12	" "	36948	W. Carrier & fils, 108 rue Dalhousie, Quebec	5 "	Nil.	Ogilvie Flour Mills.	Manufacturers.
" 15	" "	36949	P. G. Busiere & Cie, 89 rue Dalhousie, Quebec	5 "	"	Lake of the Woods.	"
" 17	" "	36950	D. E. Drolet, 52 rue Dalhousie, Quebec	5 "	"	Ogilvie Flour Mills.	"
" 10	" "	36951	Nap. Renaud, 685 rue St. Valier, Quebec	5 "	15	Alex. Brown, Toronto.	Manufacturer.
" 15	" "	36952	P. G. Busiere & Cie, 89 rue Dalhousie, Quebec	5 "	Nil.	Ogilvie Flour Mills.	Manufacturers.
" 15	" "	36953	W. Carrier & fils, 108 rue Dalhousie, Quebec	5 "	"	"	"
" 17	" "	36954	Desro E. Drolet, 52 rue Dalhousie, Quebec	5 "	"	West'n Canada Flour Mills.	"
" 17	" "	36955	E. M. Lennon, St. James st., Quebec	5 "	"	"	"
" 9	" "	36956	Pierre Renaud, 597 rue St. Valier, Quebec	5 "	15	Unknown....	Unknown.. Middlings....

STOCK FEEDS.

Claim.		Results of Analysis.						Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.				
			Indirect.	Direct.						
			2.60		16.93	4.7	As claimed, no weed seeds.	45515	Genuine.	
			3.08		11.90	7.3	"	45516	"	
4.00	9.50	6.50	2.88		10.05	8.4	"	45517	"	
			3.00		10.37	9	"	45518	"	
			4.68		15.31	5.2	"	45519	"	

JNO. C. FERGUSON, INSPECTOR—Concluded.

JNO. C. FERGUSON, INSPECTOR—Concluded.

F. X. W. E. BELAND, INSPECTOR.

3.56	12.90	15.1	As claimed, no seeds.	36946	Low in proteids, high in fibre. Adulterated under the Act.
4.15	13.78	8.5	As claimed, no weed seeds.	36947	Genuine.
4.87	14.96	7.1	"	36948	"
4.51	15.62	8.9	"	36949	"
4.59	16.71	7.2	"	36950	"
4.08	14.61	7.7	As claimed, no weeds.	36951	"
3.80	17.02	6.5	"	36952	"
4.56	17.19	6.1	As claimed, no weed seeds.	36953	"
3.44	14.22	2.8	"	36954	"
4.12	17.85	6.7	"	36955	"
1.55	12.73	0.7	Floury, no weed seeds.	36956	Low in fat and in proteids. Should be sold as feed-flour.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	COST.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUEBEC—

May 11.								
May 10	Stock Feeds.	36957	Nap. Bertrand, 685 rue St. Valier, Quebec.	5 lbs.	15	Alex. Brown, Co., Toronto.	Manufacturer.	Middlings
" 12	"	36958	W. Carrier & fils, 108 rue Dalhousie, Quebec.	5	Nil.	Quaker Oats Co., Peterboro.	Manufacturer.	Chop Feed
" 17	"	36959	Desiré E. Drolet, 52 rue Dalhousie, Quebec.	5	"	Lake of the Woods.	"	Middlings
" 17	"	36960	E. M. Lennon, St. James st., Quebec.	5	"	Maple Leaf Milling Co.	"	"
" 9	"	36961	Pierre Renaud, 597 rue St. Valier, Quebec.	5	15	Unknown	Unknown	Chop Feed
" 10	"	36962	Nap. Bertr. nd, 685 rue St. Valier, Quebec.	5	15	R. C. Muir, Quebec.	Manufacturer.	"
" 12	"	36963	W. Carrier & fils, 108 rue Dalhousie, Quebec.	5	Nil.	Ogilvie Flour Mills.	Manufacturer.	"
" 15	"	36964	P. G. Busière & Cie, 89 rue Dalhousie, Quebec.	5	"	Lake of the Woods.	"	"
" 17	"	36965	Desiré E. Drolet, 52 rue Dalhousie, Quebec.	5	"	Ogilvie Flour Mills.	"	"

DISTRICT OF ST. HYACINTHE—

May 9	Stock Feeds.	38960	M. K. McKenzie, Richmond, P. Q.	3 lbs.	Nil.	Ogilvie	Brans	
" 10	"	38961	J. L. Legendre, Asbestos.	4	"	"	"	
" 17	"	38962	Henri Hebert, St. Leonard Junction.	3	"	Saskatoon Milling Co., Ltd. Saskatoon.	"	
" 17	"	38963	Albert Duguay, St. Gregoire de Nicolet.	3	"	Western Canada Flour-mills Co.	"	
" 22	"	38964	Oct. Beauchamp, St. Simon de Bagot.	3	"	Ogilvie	"	
" 9	"	38965	McKee Bros., Richmond, P. Q.	5	"	Western Canada Flour-mills Co.	Shorts	
" 9	"	38966	A. Millette, Windsor Mills.	5	"	Tavistock Milling Co., Tavistock, Ont.	"	
" 10	"	38967	J. L. Legendre, Asbestos.	5	"	Ogilvie	"	
" 22	"	38968	Oct. Beauchamp, St. Simon de Bagot.	3	"	"	"	

STOCK FEEDS.

Claim.		Results of Analysis.					Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

F. X. W. E. BELAND, INSPECTOR—*Concluded.*

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4.28	14.36	4.3	As claimed, no weed seeds.	36907	Genuine.		
			5.88	13.17	6.6	"	36908	"		
		4.00		17.46	7.8	As claimed, no seeds.	36909	"		
		4.24		16.10	5.2	As claimed, no weed seeds.	36910	"		
		3.26		12.16	9.5	"	36911	"		
		2.86		9.16	6.9	"	36912	"		
		2.90		10.81	9.9	"	36913	"		
		2.06		10.59	12.2	Oat hulls, no weed seeds.	36914	Fibre high. Pass.		
		4.26		9.76	7.5	As claimed, no seeds.	36915	Genuine.		

J. C. ROULEAU, INSPECTOR.

	4.79	16.62	7.7	As claimed, no weed seeds.	38960	Genuine.		
	4.69	16.97	7.4	"	38961	"		
	4.57	17.32	6.6	"	38962	"		
	4.63	15.44	7.9	"	38963	"		
	4.73	17.10	7.7	"	38964	"		
	4.56	17.59	5.5	"	38965	"		
	4.59	16.67	7.0	"	38966	"		
	4.00	15.01	7.5	"	38967	"		
	4.14	16.36	6.9	"	38968	"		

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cont.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF ST. HYACINTHE—								
1911.								
May 22	Stock Feeds.	38969	A. Lefebvre, St. Simon de Bagot.	5 lbs.	Nil.	Lake of the Woods.	J. M. Palar-dy, St. Hyacinthe.	Shorts.....
" 9	"	38970	M. K. McKenzie, Richmond, P. Q.	3 "	"	Renfrew Roller Mills Co., Ltd., Renfrew, Ont.		Middlings.....
" 9	"	38971	A. Milette, Windsor Mills	5 "	"	Seaforth Milling Co., Seaforth, Ont.		".....
" 10	"	38972	J. L. Legendre, Asbestos.	5 "	"	Ogilvie Milling Co., Montreal		".....
" 11	"	38973	L. O. Pepin & fils, Victoriaville.	4 "	"	Lake of the Woods Milling Co., Montreal.		".....
" 30	"	38974	C. O. Genest & fils, Sherbrooke	4 "	"	"		Special middlings.....
" 9	"	38975	McKee Bros., Richmond, P. Q.	4 "	"	Quaker Oats Co., Peterboro, Ont.		Chop Feed. (Reg. No. 13).
" 9	"	38976	R. & N. Robitaille frères, Windsor Mills	4 "	"	"		Chop Feed.
" 10	"	38977	Vilandre frères, Danville.	3 "	7	Lake of the Woods Milling Co., Montreal.		Wheat chop.....
" 18	"	38978	J. Comteau, Nicolet.	34 "	7	Ogilvie Milling Co., Montreal		Eureka chop. (Reg. No. 28).
" 18	"	38979	Alb. Duguay, St. Grégoire Nicolet.	4 "	Nil.	Western Canada Flour mills, Co.		Moulee, K.....

DISTRICT OF MONTREAL—

May 3	Stock Feeds.	40651	Bruneau, Currie & Co. Place Youville, Montreal.	5 lbs.	Nil.	"	Bran.
" 3	"	40652	Jas. Scott & Co. Ltd., St. James St. Montreal.	"	"	Lake of the Woods Milling Co. Ltd.	"
" 5	"	40653	W. L. Hogg, Notre Dame East, Montreal	5	"	Maple Leaf Milling Co. Ltd.	"
" 8	"	40654	Ogilvie Flour Mills Co. Ltd., Montreal.	"	Nil.	Vendors	"
" 11	"	40655	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	"	"

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

J. C. ROULEAU, INSPECTOR--*Concluded.*

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	As claim seeds.		
			5.00		17.94	5.7			
			4.24		16.14	6.4			
					3.67	15.00	7.7		
			4.40		15.88	6.1			
			4.88		17.28	5.3			
					4.71	17.94	3.9		
4.00	10.50	10.50	2.84		9.76	8.2			
			3.20		11.20	7.7			
			3.98		16.93	3.7			
5.00	11.31	8.63	3.28		12.90	10.0	As claimed, we 32 seeds per		
					1.76	6.87	19.2	Excess hulls	

one as chop, but below in fat. Adulterated with weed seeds. High in fat and proteids. Adulterated.

J. J. COSTIGAN, INSPECTOR.

			4.00		13.13	9.2	As claimed, no seeds	40651	Gent.
			4.26		15.27	7.7	" "	40652	"
			4.74		14.31	7.4	" "	40653	"
			4.74		16.97	6.9	" "	40654	"
			4.20		15.71	7.7	Weed seeds.	40655	Adulterated with weed seeds, 100 seeds per pound.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF MONTREAL—

1911								
May	3 Stock Feeds.	40656	Bruneau, Currie & Co., Place Youville, Montreal.	5 lbs.	Nil.			Shorts.
"	5 "	40657	W. L. Hogg, Notre Dame East, Montreal	"	5			"
"	8 "	40658	Ogilvie Flour Mills Co., Ltd., Montreal.	"	Nil.	Vendors		"
"	11 "	40659	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	"		"
"	11 "	40660	B. Vaillancourt, 1195 St. Lawrence B., Montreal.	"	"	J. N. Coupal, Plantagenet Springs.		"
"	3 "	40661	Bruneau, Currie & Co., Place Youville, Montreal.	"	"	Western Canada Milling Co., Brandon		Middling.
"	3 "	40662	Jas. Scott & Co. Ltd., St. James St., Montreal.	"	"	Lake of the Woods Milling Co. Ltd.		"
"	5 "	40663	W. L. Hogg, Notre Dame East, Montreal	"	5	Campbell Milling Co. Ltd., Toronto.		"
"	8 "	40664	Ogilvie Flour Mills Co. Ltd., Montreal.	"	Nil.	Vendors		"
"	11 "	40665	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	"		"
"	3 "	40666	Bruneau, Currie & Co., Place Youville, Montreal.	"	"	McDonald and Robb, Valleyfield, P.Q.		Chop Feed
"	3 "	40667	Jas. Scott & Co. Ltd., St. James St., Montreal.	"	"	Bishop & Son, Chrysler, Ont.		"
"	5 "	40668	W. L. Hogg, Notre Dame East, Montreal	"	10	Vendor.		"
"	8 "	40669	Ogilvie Flour Mills Co. Ltd., Montreal.	"	Nil.			Chop Feed (Champion Brand.)
"	11 "	40670	Lake of the Woods Milling Co. Ltd., Montreal.	"	"			Chop Feed (Ox meal Brand.)

STOCK FEEDS.

Claim.		Results of Analysis.						Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.				
			Indirect.	Direct.						

J. J. COSTIGAN, INSPECTOR - *Continued.*

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.				
			86	...	15.75	6.8	As claimed, no weed seeds.			
			5.30	...	15.53	6.9	"	"	40657	"
			4.80	...	16.71	6.7	"	"	40658	"
			6.48	...	17.10	6.9	"	"	40659	"
			4.74	...	15.18	3.9	"	"	40660	"
			4.22	...	15.92	2.3	"	"	40661	"
			4.96	...	16.71	7.9	"	"	40662	"
			6.26	...	16.10	6.2	"	"	40663	"
			5.02	...	15.18	5.6	"	"	40664	"
			5.44	...	16.58	4.6	"	"	40665	"
			3.56	...	15.53	7.6	"	"	40666	"
			2.60	...	11.16	7.8	"	"	40667	"
			3.20	...	9.45	5.6	"	"	40668	"
4	8.5	6.88	2.56	...	9.36	8.0	Some seeds.			
				...	15.71	3.6	"	...	40669	4 seeds per lb. Pass.
				...			"	...	40670	64 seeds per lb. Adulterated.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (As not an expression of opinion.)
				Quantity.	Cost.	
					Manufacturer. Furnisher.	

DISTRICT OF OTTAWA—

1911.

May	2	Stock Feeds.	43258 Wm. Scott & Co., Deschenes P.Q.	5 lbs.	7	Vendors...	Bran.
"	3	"	43259 The Dowd Milling Co., Ltd., Pakenham.	5 "	7	"	"
"	4	"	43260 The Dowd Milling Co., Quyon.	5 "	7	"	"
"	9	"	43261 The Woods Mills Co., Smith Falls.	5 "	Nil	"	"
"	1	"	43262 Western Canada Flour Mills Co., Ltd., Ottawa.	5 "	7	"	Shorts Reg. No. 63, guaranteed analysis. Protein 18.58, Fat 6.02, Fibre 7.99.
"	1	"	43263 The Maple Leaf Milling Co., Ltd., Ottawa.	5 "	7	"	Shorts.
"	1	"	43266 Wm. Scott & Co., Deschenes, P.Q.	5 "	7	"	"
"	1	"	43268 Western Canada Flour Mills Co., Ltd., Ottawa.	5 "	7	"	Middlings "Choice" Brand, guaranteed analysis. Protein 16.73, Fat 4.33, Fibre 5.20.
"	1	"	43269 The Maple Leaf Milling Co., Ltd., Ottawa.	5 "	7	"	Middlings.
"	2	"	43270 Wm. Scott & Co., Deschenes, P.Q.	5 "	7	"	"
"	3	"	43271 The Dowd Milling Co., Ltd., Pakenham.	5 "	7	"	"
"	2	"	43274 Wm. Scott & Co., Deschenes, P.Q.	5 "	7	"	Chop Feed, (Barley).
"	3	"	43275 The Dowd Milling Co., Ltd., Pakenham.	5 "	7	"	Chop Feed, (Oats & Barley).
"	4	"	43276 The Dowd Milling Co., Ltd., Quyon, P.Q.	5 "	7	"	Chop Feed.
"	16	"	43280 Wm. R. Cummings, Cummings Bridge.	3 "	Nil	"	" (No. 1 all grain).
"	19	"	43281 J. W. Nesbitt & Co., 1095 Bank St., Ottawa.	5 "	10	Campbell & McNab, Douglas Ont.	Middlings.
"	18	"	43284 A. E. Cameron, Brockville.	5 "	6	Ogilvie Milling Co., Montreal.	Bran.
"	3	"	43285 The Dowd Milling Co., Ltd., Pakenham.	5 "	7	Vendors.	Shorts.

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

J. A. RICKEY, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4.14		14.08	12.1	Oat hulls, no seeds	43258	Genuine.
			4.60		14.31	8.6	As claimed, no seeds.	43259	"
			4.62		13.39	9.3	"	43260	"
			4.24		15.35	9.2	"	43261	"
6.02	18.38	7.09	5.14		17.69	5.8	"	43263	"
			5.12		15.66	6.6	"	43265	"
			4.30		13.78	10.3	"	43266	Pass.
			4.02		16.45	4.6	"	43268	Genuine.
			4.08		15.14	5.8	As claimed, no weed seeds.	43269	"
			3.90		12.29	6.2	"	43270	Low in proteids. Adulterated under the Act.
			2.08		12.51	0.8	Much starch, no weed seeds.	43271	Low in fat. & proteids. Should be sold as feed flour.
			2.32		12.20	4.2	As claimed, no weed seeds.	43274	Genuine.
			2.74		9.36	8.8	As claimed, no seeds; oat hulls.	43275	"
			4.18		13.43	5.9	As claimed, no seeds.	43276	"
			3.56		10.15	8.6	"	43280	"
			2.32		13.26	1.3	Floury, no seeds....	43281	Low in fat. and proteids. Should be sold as feed flour.
			4.00		14.31	8.1	As claimed, no seeds..	43284	Genuine.
			5.06		15.53	6.3	"	43285	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer. Furnisher.	

DISTRICT OF OTTAWA—

1911.							
May	4 Stock Feeds.	43296	The Dowd Milling Co., Ltd., Quyon, P.Q.	5 lbs.	7	Vendors	Shorts.
"	9 "	43288	The Woods Mills Co., Smith Falls.	5 "	Nil	"	Chop Feed (Oats & Corn).
"	12 "	43293	J. W. McKay, Wellington st., Ottawa.	347 5 "	12	The Quaker Manufacturing Co., Peterboro, Ont.	Chop Feed, "Banner" Brand, analysis on bags, Reg. No. 16, Protein 8.50, Fat. 3.50, Fibre 9.10
"	12 "	43294	"	5 "	13	"	Chop Feed, "Schumacher" Brand, Reg. No. 13 analysis on bags, Protein 10.50, Fat. 4.00, Fib. 10.50.
"	4 "	43295	The Dowd Milling Co., Quyon, P.Q.	5 "	Nil	Vendors.	Oat Feed.....

DISTRICT OF KINGSTON—

April	27 Stocks Feeds.	48501	J. A. McFarlane, Kingston.	5 lbs.	5	Canada Cereal Co., Toronto.	Bran.
"	27 "	48502	W. P. Peters, Kingston.	5 "	10	Lake of the Woods Milling Co.	"
"	27 "	48503	D. Hutchison, Kingston.	5 "	10	Ogilvie Milling Co.	"
May	1 "	48504	A. H. Lake, Picton, Ont.	5 "	5	Vendor.....	"
"	1 "	48505	Hyatt & Rolston, Picton, Ont.	5 "	5	Vendors	"
April	27 "	48506	Hedley Shaw, Kingston.	5 "	10	Vendor	Shorts
"	27 "	48507	W. P. Peters, Kingston.	5 "	5	Quaker Oats Co., Peterboro.	"
"	27 "	48508	J. A. McFarlane, Kingston.	5 "	10	Canada Cereal Co., Toronto.	"
"	27 "	48509	D. Hutchison, Kingston.	5 "	10	Seaforth Milling Co.	"
"	28 "	48510	G. Gibson, Kingston.	5 "	10	Hedley Shaw Milling Co.	"
"	27 "	48511	Kingston Milling Co., Kingston.	5 "	10	Vendors	Middlings.
"	28 "	48512	G. Gibson, Kingston.	5 "	10	Leitch Bros., Winnipeg.	"
May	2 "	48513	H. E. Mayhew, (Trent Valley Mills) Trenton	5 "	5	Vendor..	"
"	2 "	48514	E. A. Duncan, Cobourg.	5 "	20	Lake of the Woods.	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Cost.	Quantity.	
				Cents.	Manufacturer. Furnisher.	
DISTRICT OF KINGSTON						
1911.						
May	2 Stocks Feeds.	48515	Thompson & Macdonald, Cobourg.	5 lbs.	Ogilvie's, Montreal.	Middlings
April	27	48516	Kingston Milling Co., Kingston.	5 "	Vendors	Chop Feed
"	27	48517	W. P. Peters, Kingston.	5 "	Quaker Oats Co., Peterboro.	"
"	27	48518	D. Hutchison, Kingston.	5 "	Vendor	"
"	28	48519	G. Gibson, Kingston.	5 "	Quaker Oats Co., Peterboro.	"
May	1	48520	A. H. Lake, Picton, Ont.	5 "	Vendor	"
DISTRICT OF TORONTO						
May	12 Stock Feed.	47323	O. E. Wilson, Dunnville.	5 lbs.	Vendor	Chop Feed
"	12	47324	S. Haney & Son, Dunnville.	5 "	Vendors	(Mixed Grains.) Chop Feed
"	15	47325	Chisholm Milling Co., Ltd., Toronto.	5 "	"	"
"	16	47326	Joseph White, 682 Queen St., East, Toronto.	5 "	Vendor	(Monarch Brand, Reg. No. 85.) Chop Feed
"	16	47327	The C. J. Daniels Milling Co., Ltd., Toronto.	5 "	McGowan Milling Co., Durham.	Chop Feed
"	9	47328	The Maple Leaf Milling Co., Ltd., Thorold.	5 "	Vendors	(Barley and oats. No Reg. No. on bags.) Bran
"	13	47329	Wood Milling Co., Hamilton.	5 "	"	"
"	13	47330	Jos. Dunlap Co., Ltd., Hamilton.	5 "	Maple Leaf Milling Co., Kenora.	"
"	15	47331	Western Canada Flour Mills Co., Ltd., Toronto.	5 "	Vendors	"
"	16	47332	The Campbell Milling Co., Ltd., West Toronto.	5 "	Nil	(Registration No. 66) Bran
"	9	47333	The Maple Leaf Milling Co., Ltd., St. Catharines.	5 "	10	Shorts

STOCK FEEDS.

Claim.		Results of Analysis.					Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.	Proteids.	Crude Fibre.				
			Indirect.	Direct.					

JAS. HOGAN, INSPECTOR—*Concluded.*

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.				
			4.28		16.89	6.2	As claimed, no weed seeds.	48515	Genuine.	
			3.92		6.27	8.8	"	48516	"	
			2.56		10.06	10.3	Oats hulls, no weed seeds.	48517	"	
			2.60		9.36	11.4	As claimed, no weed seeds.	48518	"	
			2.36		9.20	6.0	"	48519	"	
			3.26		10.06	10.3	As claimed, no seeds.	48520	"	

H. J. DAGER, INSPECTOR.

			2.30		10.81	3.9	As claimed, no weed seeds.	47323	Genuine.	
			2.04		17.19	7.1	"	47324	"	
3.00	7.00	25.00	2.40		6.00	20.6	Excess hulls, no weed seeds.	47325	Low in proteids, high fibre, but nearly meets claim; Pass.	
			5.40		15.57	4.6	As claimed, no weed seeds.	47326	Genuine.	
2.08	6.90	23.78		1.62	7.70	14.1	Hulls in excess. No weed seeds.	47327	Meets guarantee. Pass.	
			4.82		15.66	7.6	As claimed. No weed seeds.	47328	Genuine.	
			3.40		13.82	8.4	"	47329	"	
			4.48		14.35	9.2	"	47330	"	
5.50	16.82	10.86	3.72		15.76	9.6	"	47331	Genuine as bran; but below claim in fat. Pass.	
			3.86		14.52	9.7	"	47332	Genuine.	
				5.25	17.63	6.2	"	47333	"	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cost.	
					Manufacturer	Furnisher.
DISTRICT OF TORONTO—						
1911.						
May 13	Stock Feeds.	47334	Hamilton Milling Co., Hamilton.	5 lbs.	6 Vendors	Shorts
" 13		47335	Kerr Milling Co., Ltd., Dundas.	5 "	"	"
" 13		47336	Lake of the Woods Milling Co., Ltd., Toronto.	5 "	"	"
" 16		47337	The Chalmers Milling Co., East Toronto.	5 "	7 "	"
" 9		47338	J. Black & Son, St. Catharines.	5 "	10 "	Middlings
" 9		47339	Wm. Monroe, Thorold.	5 "	10 Vendor.	"
" 11		47340	Riverside Mills, Welland.	5 "	10 Vendors	"
" 17		47341	The Alex. Brown Milling Co., Ltd., Toronto.	5 "	5 "	"
" 19		47342	Wm. Cosburn, 323 Queen St., East Toronto.	5 "	7 Lake of the Woods Milling Co., Ltd.	(Bags are branded Shorts, but sold as Middlings.)

DISTRICT OF LONDON—

May 16	Stock Feeds.	48057	Jno. A. Andrew, Stratford.	5 lbs.	10 McLeod Milling Co., Stratford.	Shorts
" 16		48058	"	5 "	10 "	Bran.
" 16		48059	"	5 "	10 Unknown.	Chop Feed
" 16		48060	O. H. Koller, Stratford.	5 "	8 McLeod Milling Co., Stratford.	Shorts
" 16		48061	"	5 "	8 "	Bran.
" 16		48062	"	3 pkgs	9 Quaker Oats Co., Peterboro.	Chop Feed (Schumacher).
" 16		48065	J. Kennedy, Berlin.	3 "	8 Irvine Master City Mills, Berlin.	Shorts
" 16		48066	"	3 "	8 "	Bran.
" 17		48067	J. Weseloh, Waterloo, Ont.	3 "	10 Wm. Snyder, Waterloo, Ont.	Shorts
" 17		48068	"	3 "	10 "	Chop Feed
" 17		48069	I. Holman, Berlin.	3 "	8 Unknown.	Shorts
" 17		48070	"	3 "	8 Vendor.	Bran.
" 17		48071	"	3 "	8 "	Chop Feed
" 17		48072	Struthers and Church, Galt, Ont.	3 "	10 Vendors	"

STOCK FEEDS.

Claim.		Results of Analysis.		Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids Crude Fibre.	Fat. Indirect. Direct.	Proteids. Crude Fibre.			

H. J. DAGER, INSPECTOR - *Continued.*

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
.....	3.86	15.01	4.7	As claimed, no weed seeds.	47334	Genuine.	
.....	4.97	15.18	7.8	"	47335	"	
.....	5.20	16.76	5.6	"	47336	"	
.....	5.50	16.40	4.9	"	47337	"	
.....	5.44	15.35	5.3	"	47338	"	
.....	4.26	.....	15.22	4.4	"	47339	"	
.....	5.11	16.27	6.5	"	47340	"	
.....	4.96	.....	14.40	6.6	"	47341	"	
.....	4.60	.....	17.02	5.2	"	47342	"	

JNO. TALBOT, ACTING INSPECTOR.

.....	.....	4.46	15.71	6.2	As claimed, no weed seeds.	48057	Genuine.	
.....	4.19	.....	13.82	9.4	As claimed, no seeds.	48058	"	
.....	.....	2.30	10.72	5.5	"	48059	"	
.....	.....	4.43	14.70	5.4	"	48060	"	
.....	4.25	.....	15.44	8.8	"	48061	"	
1 10 50	10 50	.....	2.90	10.63	9.4	"	48062	"
.....	.....	4.10	15.71	4.3	As claimed, no weed seeds.	48065	"	
.....	4.23	.....	14.87	8.8	"	48066	"	
.....	4.44	.....	14.57	6.2	As claimed, no weed seeds, bran.	48067	"	
.....	4.14	.....	11.59	10.0	"	48068	"	
.....	4.14	.....	14.70	7.4	"	48069	"	
.....	4.57	.....	15.84	8.6	"	48070	"	
.....	5.82	.....	10.10	9.6	"	48071	"	
.....	4.96	.....	11.29	8.2	"	48072	"	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF WINDSOR —								
1911.								
May 11	Stock Feeds.	48035	Hueston & Son, Glencoe.	15 lbs.	10	Woodburn Milling Co., Glencoe.		Shorts
" 12	"	48037	Geo. Kirk, Woodstock, Ont.	5 "	5	Ogilvie Milling Co., Winnipeg.		"
" 12	"	48038	"	5 "	5	"		Bran.
" 12	"	48039	"	5 "	5	"	Grain sent to mill by the vendor and chopped to his order.	Chop Feed.
" 12	"	48040	A. Patrick, Woodstock, Ont.	5 "	9	Unknown.		Shorts
" 12	"	48041	"	5 "	9	"	Unknown.	Bran.
" 12	"	48042	"	5 "	9	"	"	Chop Feed.
" 12	"	48043	"	5 "	9	Bartlett Co., Jackson, Michigan.		Cotton Seed Meal, "Michigan Farmer's Brand", Reg. No. 97.
" 10	"	48044	Geo. H. Murray, Woodstock, Ont.	5 "	5	Ogilvie Milling Co., Winnipeg.		Bran.
" 12	"	48045	"	5 "	5	Jas. Cullen, Woodstock, Ont.		Shorts
" 12	"	48046	"	5 "	5	M. Archibald Co., Beachville, Ont.		Chop Feed.
" 13	"	48048	B. L. Scott, Ingersoll.	5 "	5	Tavistock Milling Co., Tavistock.		Shorts
" 13	"	48050	"	5 "	5	Western Canada Milling Co.		Bran.
" 13	"	48051	"	5 "	5	Vendor.		Chop Feed.

DISTRICT OF MANITOBA—

May 14	"	47401	Western Canada Flour Mills Co., St. Boniface.	5 lbs.	Nil.	Vendors		Bran
" 5	"	47402	The Ogilvie Flour Mills Co., Ltd., Winnipeg.	5 "	"	"		"
" 17	"	47403	Lake of the Woods Milling Co., Portage la Prairie.	6 "	"	"		"
" 17	"	47404	Maple Leaf Flour Mills Co., Brandon.	6 "	"	"		"

STOCK FEEDS.

Claim			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

J. NO. TALBOT, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
.....	4.22	14.04	6.8	As claimed, no seeds	48035	Genuine.	
.....	4.39	15.40	7.0	As claimed, no weed seeds.	48037	"	
.....	4.57	15.14	8.2	"	48038	"	
.....	3.36	12.03	10.1	"	48039	"	
.....	3.73	15.12	6.2	As claimed, no weed seeds, bran tissues.	48040	"	
.....	4.51	16.32	8.5	"	48041	"	
.....	3.23	7.78	10.3	Oathulls, no weed seeds	48042	Proteids low pass.	
7	32	13	7.84	39.77	6.2	As claimed, no weed seeds.	48043	Genuine.	
.....	4.13	13.65	8.1	As described, no seeds	48044	"	
.....	3.61	15.10	6.9	As described, no weed seed.	48045	"	
.....	4.48	11.55	7.6	"	48046	"	
.....	4.16	14.00	7.0	As claimed, no weed seeds.	48048	"	
.....	4.03	15.88	7.8	"	48050	"	
.....	3.18	10.25	1.6	Corn chop, no seeds.	48051	"	

A. C. LARIVIÈRE, INSPECTOR.

.....	.....	.....	4.30	14.31	9.5	As claimed, no seeds.	47401	Genuine	
.....	.....	.....	1.53	11.48	10.5	"	47402	"	
.....	.....	.....	4.57	14.87	9.9	"	47403	"	
.....	.....	.....	4.49	15.88	9.0	"	47404	"	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	Inspector's Report (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF MANITOBA—

1911.							
May 18	Stocks Feeds.	47406	The Western Canada Flour Mills, Co., Ltd., Brandon.	6 lbs.	Nil.	Vendors.	Bran
" 4	"	47406	The West'n Can-ada Flour Mills Co., Ltd., St. Boniface.	5 "	"	"	Shorts
" 5	"	47407	The Ogilvie Flour Mills Co., Ltd., Winnipeg.	5 "	"	"	"
" 17	"	47408	Lake of the Woods Milling Co., Portage la Prairie.	6 "	"	"	"
" 17	"	47409	Maple Flour Mills Co., Brandon.	6 "	"	"	"
" 18	"	47410	The West'n Can-ada Flour Mills Co. Ltd., Brandon.	6 "	"	"	"
" 4	"	47411	The West'n Can-ada Flour Mills Co., Ltd., St. Boniface.	5 "	"	"	Middling
" 5	"	47412	The Ogilvie Flour Mills Co., Ltd., Winnipeg.	5 "	"	"	"
" 18	"	47413	The West'n Can-ada Flour Mills Co. Ltd., Brandon.	6 "	"	"	"
" 19	"	47414	Laing Bros., Winnipeg.	6 "	"	Doukolot So-Manufac-tory, Veri-gin, Sask.	"
" 19	"	47415	Carnefac Stock Food Co., Win-nipeg.	6 "	"	The Western Canada Flour Mills Co., St. Boniface.	"
" 4	"	47416	Western Canada Flour Mills Co., Ltd., St. Boniface.	5 "	"	Vendors	Chop Feed
" 5	"	47417	The Ogilvie Flour Mills Co., Winnipeg.	5 "	"	"	"

STOCK FEEDS.

Claim.		Results of Analysis.		Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat. Indirect. Direct.	Proteids.	Crude Fibre.	

A. C. LARIVIERE, INSPECTOR—*Concluded.*

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4.73		17.63	7.7	As claimed, no seeds.	47406	Genuine.
			5.76		16.58	6.2	As claimed, no weed seeds.	47406	"
			5.14		16.67	6.4	"	47407	"
			5.30		17.15	5.5	"	47408	"
			5.74		16.32	6.0	"	47409	"
			4.58		16.10	6.4	"	47410	"
			3.98		15.18	3.3	"	47411	"
			4.44		14.48	6.6	"	47412	"
			2.66		15.11	1.9	Chiefly flour, no weed seeds.	47413	Low in fat. Should be sold as feed flour.
			3.16		13.60	1.8	"	47414	Low in proteids. Should be sold as feed flour.
			4.28		14.52	4.9	As claimed, no weed seed.	47415	Genuine.
			3.58		14.35	5.2	"	47416	"
			4.48		14.48	3.7	"	47417	"

BULLETIN No. 231

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.		
DISTRICT OF CALGARY -							
1911.							
May 18	Stock Feeds.	43849	J. E. Love, Cal-gary.	5 lbs.	20	Saskatchewan Flour Mills Co., Ltd., Moosejaw.	Bran
" 18	"	43850	Erb & Anderson, Calgary.	5 "	20	"	"
" 19	"	43851	T. Fletcher, Cal-gary.	5 "	20	Western Canada Flour Mills, Winnipeg.	"
" 19	"	43852	Western Milling Co., Ltd., Cal-gary.	5 "	20	Vendors	"
" 19	"	43853	J. H. Maguire, Calgary.	5 "	20	Western Milling Co., Ltd., Calgary.	"
" 18	"	43854	Erb & Anderson, Calgary.	5 "	20	Medicine Hat Milling Co., Medicine Hat.	shorts
" 19	"	43855	T. Fletcher, Calgary.	5 "	20	Western Canada Flour Mills Co., Winnipeg.	"
" 19	"	43856	Western Milling Co., Ltd., Cal-gary.	5 "	20	Vendors	"
" 20	"	43857	Crown Feed and Produce Co., Calgary.	5 "	20	Redcliff Mill & Elevator Co., Redcliff.	"
" 20	"	43858	"	5 "	20	"	"
" 18	"	43859	J. E. Love, Cal-gary.	5 "	20	Brackman-Ker Milling Co., Ltd., Calgary.	Chop Feed.
" 18	"	43860	Erb & Anderson, Calgary.	5 "	20	Calgary Milling Co., Ltd., Calgary.	"
" 19	"	43862	Western Milling Co., Ltd., Cal-gary.	5 "	20	Vendors	"
" 20	"	43863	Crown Feed and Produce Co., Calgary.	5 "	20	"	"
" 18	"	43861	J. E. Love, Cal-gary.	5 "	20	Saskatchewan Flour Mills Co., Ltd., Moosejaw.	Middling.
" 19	"	43865	T. Fletcher, Calgary.	5 "	20	"	"
" 23	"	43866	Calgary Milling Co., Ltd., Cal-gary.	5 "	20	Vendors	"

STOCK FEED.

Chem.		Results of Analysis.					Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Crude Fibre.				
			Indirect.	Direct.	Proteids.	Crude Fibre.			
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
.....	4.76	.....	16.36	11.0	As described, no weeds.	43849	Genuine.
.....	4.54	.....	16.19	6.8	" no weeds.	43850	"
.....	4.40	.....	15.66	8.2	"	43851	"
.....	4.56	.....	14.83	7.9	"	43852	"
.....	4.32	.....	13.96	8.0	"	43853	"
.....	4.12	.....	16.63	4.4	As claimed, no weed seeds.	43854	"
.....	4.78	.....	17.06	6.5	"	43855	"
.....	3.89	.....	14.57	5.3	"	43856	"
.....	5.22	.....	17.19	4.9	"	43857	"
.....	5.08	.....	17.91	5.6	"	43858	"
.....	1.27	.....	5.60	28.0	Excess hulls, no weed seeds.	43859	Low in fat and in proteids. High in fibre. Adulterated.
.....	3.48	.....	10.68	10.3	As claimed, no weeds.	43860	Genuine.
.....	3.60	.....	10.89	8.0	"	43862	"
.....	3.50	.....	9.92	9.3	" no weeds, oat hulls.	43863	"
.....	4.56	.....	17.59	4.8	As claimed, no weed seeds.	43864	"
.....	5.34	.....	17.54	5.0	"	43865	"
.....	3.40	.....	15.29	1.8	"	43866	"

BULLETIN No. 231

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of opinion)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF CALGARY

1911								
May	23	Stocks Feeds.	43867 Calgary Milling Co. Ltd., Calgary.	5 lbs.	20	Saskatchewan Flour Mills Co., Ltd., Moosejaw.		Middling.....
"	23	"	43868 Lea & Ducey, 1209 Victoria Ave., Hillhurst, Calgary.	5 "	20	"		"
"	23	"	43869 Calgary Milling Co., Ltd., Calgary.	5 "	20	Vendors.		Chop Feed.....

DISTRICT OF NELSON -

May	18	Stock Feeds.	48410 Taylor Milling & E. Co., Nelson, B. C.	5 lbs.	10	Maple Leaf Milling Co., Kenora.		Bran.....
"	3	"	48411 "	5 "	10	Western Canada Milling Co., Winnipeg.		Shorts.....
"	3	"	48412 "	5 "	10	Saskatchewan Milling Co., Moose Jaw.		Middlings.....
"	3	"	48413 "	5 "	10	Taylor Milling Co., Lethbridge.		Chop Feed..... Mixed.....
"	3	"	48414 Brackman-Ker M. Co., Nelson, B. C.	5 "	9	Saskatchewan F. M. Co., Moose Jaw.		Middlings.....
"	3	"	48415 "	5 "	9	Calgary M. Co., Calgary.		"
"	3	"	48416 "	5 "	9	"		Shorts.....
"	3	"	48417 "	5 "	9	"		Bran.....
"	3	"	48418 "	5 "	9	Lake of the Woods Milling Co., Portage La Prairie.		"
"	15	"	48421 Taylor Milling & E. Co., Cranbrook.	5 "	15	Taylor Milling & E. Co., Lethbridge.		"
"	15	"	48422 "	5 "	15	"		Shorts.....
"	15	"	48423 "	5 "	15	"		Chop Feed..... Mixed.....
"	15	"	48424 Cranbrook Trading Co., Cranbrook.	5 "	10	Saskatchewan F. M. Co., Moose Jaw.		Bran.....
"	15	"	48425 "	5 "	10	"		Shorts.....
"	15	"	48426 "	5 "	10	Alberta Pacific E. Co., Calgary.		Chop Feed..... Mixed.....

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat		Proteids	Crude Fibre.			
			Indirect.	Direct.					

R. W. FLETCHER, INSPECTOR—*Continued.*

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
			3.96		17.46	5.8	As claimed, no weed seeds.	43867	Genuine.
			4.90		17.81	5.8	"	43868	"
			3.74		11.55	7.6	"	43869	"

THOS. PARKER, INSPECTOR.

			4.28		14.61	9.4	As claimed, no weed seeds.	48410	Genuine.
			4.72		17.89	5.4	"	49411	"
			4.70		18.02	5.5	"	48412	"
			2.80		11.51	7.9	"	48413	"
			6.06		17.76	5.1	As described, no weeds seeds.	48414	"
			3.32		14.83	1.4	Chiefly flour, no weed seeds.	48415	"
			5.46		16.45	5.9	As claimed, no weed seeds.	48416	"
			4.01		14.57	9.1	"	48417	"
			4.42		14.92	8.8	Weed seeds.	48418	Adulterated with weed seeds, 160 seeds per lb.
			3.74		16.80	9.1	As claimed, no seeds.	48421	Genuine.
			4.60		16.67	4.6	"	48422	"
			3.64		10.58	9.3	No weeds, oat hulls.	48423	"
			3.28		14.06	8.1	As claimed, no seeds.	48424	"
			4.42		15.15	4.4	"	48425	"
			2.92		7.05	21.6	Oat-hulls in excess.	48426	Proteids too low. Fibre too high adulterated.

BULLETIN No. 231--

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF VANCOUVER--								
1911.								
May 15	Stock Feed.	38175	Henry Holtz, Granville St., Vancouver.	5 lbs.	10	Vancouver M. Co.		Brak.
" 16	"	38176	Brackman-Ker Milling Co., Vancouver.	5 "	Nil.	Ogilvie Milling Co.		"
" 22	"	38177	Calgary Milling Co., Vancouver.	5 "	"	Vendors		"
" 22	"	38178	Vancouver Milling Co., Vancouver.	5 "	"	"		"
" 22	"	38179	McLellan McCarter, Vancouver.	5 "	10	Vancouver M. Co.		"
" 15	"	38180	Henry Holtz, Vancouver.	5 "	10	"		Shorts
" 16	"	38181	Brackman-Ker Milling Co., Vancouver.	5 "	Nil.	Ogilvie Milling Co.		"
" 22	"	38182	Calgary Milling Co., Vancouver.	5 "	"	Vendors		Shorts.
" 22	"	38183	Vancouver Milling Co., Vancouver.	5 "	"	Tacoma Grain Co., Tacoma, Wash.		"
" 22	"	38184	McLellan & McCarter, Vancouver.	5 "	10	Vancouver Milling Co.		"
" 16	"	38185	Brackman-Ker Milling Co., Vancouver.	5 "	Nil.	Ogilvie Milling Co.		Middlings
" 22	"	38186	Calgary Milling Co., Vancouver.	5 "	"	Vendors		"
" 22	"	38187	Vancouver Milling Co., Vancouver.	5 "	"	"		"
" 22	"	38188	McLellan & McCarter, Vancouver.	5 "	15	Vancouver Milling Co.		"
" 23	"	38189	W. H. Walsh, Vancouver.	5 "	15	Brackman-Ker Milling Co.		"
" 15	"	38190	Henry Holtz & Co., Vancouver.	5 "	15	Unknown	Unknown	Chop Feed
" 16	"	38191	Brackman-Ker Milling Co., Vancouver.	5 "	Nil.	Vendors		"
" 22	"	38192	Calgary Milling Co., Vancouver.	5 "	"	"		"
" 22	"	38193	Vancouver Milling Co., Vancouver.	5 "	"	"		"
" 22	"	38194	McLellan & McCarter, Vancouver.	5 "	10	Vancouver Milling Co., Vancouver.		"

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect.	Direct.					

J. F. POWER, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
.....	3.15	15.14	10.2	As claimed, no seeds.	38175	Genuine.
.....	4.49	.....	14.31	10.5	"	38176	"
.....	3.82	13.47	9.4	"	38177	"
.....	4.43	.....	15.40	8.7	"	38178	"
.....	2.47	17.63	9.3	"	38179	"
.....	3.86	.....	16.54	6.9	As described, no weed seeds.	38180	"
.....	4.00	.....	17.46	6.8	"	38181	"
.....	4.76	.....	15.97	4.8	As claimed, no weed seeds.	38182	Genuine.
.....	5.56	.....	15.14	6.2	"	38183	"
.....	5.44	.....	17.32	7.8	"	38184	"
.....	1.99	11.42	0.9	Chiefly flour, no weed seeds.	38185	Low in fat and in proteids. Should be sold as feed flour.
.....	3.08	15.79	1.8	Much starch, no weed seeds.	38186	Genuine.
.....	4.92	.....	16.32	5.0	As claimed, no weed seeds.	38187	"
.....	2.82	14.13	2.6	Chiefly flour, no weed seeds.	38188	"
.....	1.81	12.03	0.5	"	38189	Low in fat and in proteids. Should be sold as feed flour.
.....	4.96	.....	10.98	8.2	As claimed, no weed seeds.	38190	Genuine.
.....	2.68	.....	10.06	10.5	"	38191	"
.....	3.10	.....	11.59	6.3	"	38192	"
.....	2.24	.....	11.38	11.3	Excess hulls, no weed seeds.	38193	"
.....	3.92	.....	11.90	7.8	As claimed, no weed seeds.	38194	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF VICTORIA—

1911.								
June 9	Stock Feeds.	47610	The Brackman-Ker Milling Co., Ltd., Victoria, B.C.	5 lbs.	10	Ogilvie, F. M. Winnipeg.		Bran.
" 9	"	47611	"	5 "	10	Saskatchewan F. Mills Co., Ltd., Moose Jaw.		Middlings.
" 9	"	47612	"	5 "	10	The Columbia F. Mills Co., Ltd., Enderby, B.C.		"
" 9	"	47613	"	5 "	10	Saskatchewan F. Mills Co., Ltd., Moose Jaw.		Shorts. ("Robin Hood" Brand)
" 9	"	47714	"	5 "	10	The Columbia F. Mills Co., Ltd., Enderby, B.C.		"
" 9	"	47615	"	5 "	5	Vendors		Chop Feed. (Dairy).
" 9	"	47616	"	5 "	10	"		Chop Feed. (Corn).
" 12	"	47617	Scott & Peden, Victoria, B.C.	5 "	7½	Ogilvie F. Mills, Winnipeg.		Chop Feed. (Dairy).
" 12	"	47618	"	5 "	7½	Vancouver Milling & Grain Co., Vancouver.		Middlings.
" 12	"	47619	Scott & Peden, Victoria, B.C.	5 "	7½	Ogilvie Flour Mills, Winnipeg.		Bran.
" 12	"	47620	"	5 "	7½	Western Canada F. Mills Co., Ltd.		Shorts. (Reg. No. 63.)
" 14	"	47621	T. W. Horne, Victoria, B.C.	5 "	7½	Prince Albert Roller Mills, P. Alb., Sask.		Middlings.
" 14	"	47622	"	5 "	7½	Vancouver Milling and Grain Co., Ltd.		Shorts.
" 14	"	47623	"	5 "	7½	Lake of the Woods, Portage la Prairie.		Bran.
" 14	"	47624	"	5 "	7½	Vendor.		Chop Feed. (Alfalfa Dairy.)
" 19	"	47625	Sylvester Feed Co., Victoria, B.C.	5 "	10	Vendors		Chop Feed. (Creamery.)
" 19	"	47626	"	5 "	7½	Ogilvie Flour Mills, Winnipeg.		Bran.
" 19	"	47627	"	5 "	7½	The Novelty Milling Co., Seattle, Wash.		Shorts.
" 26	"	47630	Simon Leiser & Co., Ltd., Victoria, B.C.	5 "	Nil.	Western Canada F. Mills Co., Ltd.		Bran. (Reg. No. 66.)

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect	Direct.					
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4.06		14.48	10.5	As claimed, no weed seeds.	47610	Genuine.
				2.37	14.61	1.1	Excess starch, no weeds	47611	Low in fat. Should be sold as feed flour.
				2.60	15.14	2.8	"	47612	Low in fat. Pass.
			4.72		18.11	5.4	As claimed, no weed seeds.	47613	Genuine.
			4.24		15.31	5.5	"	47614	"
			2.56		7.52	18.8	Excess oat hulls, no seeds.	47615	Low in proteids, high in fibre. Adulterated.
			2.56		9.4		As claimed, no seeds	47616	Genuine.
				1.59	4.51	27.0	Excess hulls, no seeds.	47617	Low in fat and proteids, high in fibre. Adulterated
				1.98	13.04	0.8	Chiefly flour, no seeds.	47618	Low in fat and proteids. Should be sold as feed flour.
			4.08		16.45	9.9	As claimed, no weed seeds.	47619	Genuine.
6.02	18.38	7.99	4.48		18.00	7.1	"	47620	"
				2.28	13.71	1.0	Chiefly flour.	47621	Low in fat and proteids; should be sold as feed flour.
			4.00		17.46	7.0	As claimed, no weed seeds.	47622	Genuine.
			3.52		14.04	10.3	"	47623	"
			3.60		10.19	10.6	Excess hulls, no weed seeds.	47624	"
			3.64		10.10	4.8	As claimed, no weed seeds.	47625	"
			4.12		14.57	11.3	"	47626	"
				3.44	18.46	6.8	"	47627	"
5.50	16.82	10.86	4.44		15.53	10.0	"	47630	Genuine.